

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	103	(166/55,55.1,207,216,217,242.1,316,380,381,384.ccls. 72/393,370.08,353.4,353.2.ccls.) and (@pd>"20060312")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 14:44
L2	307	((expandable expansion) and first and second and diameter and casing).clm.	US-PGPUB	OR	ON	2006/06/22 14:45
L3	20	((expandable expansion) and first and second and diameter and casing and mandrel).clm.	US-PGPUB	OR	ON	2006/06/22 14:46
S1	2	("6460615" "6557640").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 11:06
S2	8	"1306519"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/27 00:11
S3	2	("5070941").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 00:20
S4	2	flexible adj (swadge swedge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/27 00:20
S5	18	("1769350"   "1981525"   "3067801"   "3785193"   "4502308"   "4608739"   "5613557"   "6012523"   "6098717"   "6112818"   "6142230").PN. OR ("6450261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 00:21

## EAST Search History

S6	114	("1301285"   "1641035"   "1880218"   "1981525"   "2214226"   "2424878"   "2519116"   "2583316"   "2721823"   "2743743"   "2762436"   "2884066"   "2901044"   "2924546"   "2937665"   "2966173"   "3028915"   "3039530"   "3162245"   "3167122"   "3179168"   "3191680"   "3203451"   "3203783"   "3297092"   "3354955"   "3358760"   "3477506"   "3489220"   "3627068"   "3669190"   "3691624"   "3712376"   "3780562"   "3785193"   "4270761"   "4501327"   "4662450"   "4809793"   "4830109"   "4866966"   "4971152"   "4979570"   "5101908"   "5113703"   "5143154"   "5154230"   "5337823"   "5494106"   "5507343"   "5513703"   "5613557"   "5785120"   "5813484"   "5829524"   "5957195").PN. OR ("6142230"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 00:25
S7	4439	166/55,55.1,207,216,217,242.1, 316,380,381,384.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:57
S8	592	(166/55).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S9	620	(166/55.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S10	527	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S11	380	(166/216).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24

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S12	814	(166/217).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:28
S13	363	(166/242.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S14	193	(166/316).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S15	705	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S16	502	(166/381).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S17	344	(166/384).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:24
S18	10	("1494128" "1982400" "2357123" "20030075339" "6012523" "6688397" "6722427").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 01:36
S19	764	(72/393).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:37
S20	297	(72/370.08).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:37
S21	138	(72/353.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:37

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S22	160	(72/353.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 01:37
S23	2	("20040168796").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 09:32
S24	61	dart and (expansion adj tool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/27 09:37
S25	81	dart and (expandable adj tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/27 09:37
S26	29	S25 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/27 10:01
S27	86	dart and (flapper adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/27 10:04
S28	6	("20050045342" "20050056434" "6460615" "6497289" "6557640" "6568471").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:04
S29	2	"200229199"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/27 11:29
S30	5	("2003006788").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 11:29
S31	1	2003-141200.NRAN.	DERWENT	OR	ON	2005/09/27 11:30

## EAST Search History

S32	16	(US-20020033262-\$ or US-20040168796-\$ or US-20040177953-\$ or US-20050056433-\$).did. or (US-3712376-\$ or US-5513703-\$ or US-5785120-\$ or US-6012523-\$ or US-6142230-\$ or US-6450261-\$ or US-6460615-\$ or US-6557640-\$ or US-6691777-\$).did. or (US-1494128-\$ or US-2357123-\$). did. or (WO-200229199-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/03 15:27
S33	4	S32 and "155"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:14
S34	22	("1494128" "1982400" "2357123" "20020033262" "20020104647" "20030075339" "20030150608" "20030178204" "20030192703" "20040159446" "20040168796" "3023178" "3067801" "3191680" "4262518" "5785120" "6012523" "6098717" "6568472" "6622789" "6688397" "6722427").PN.	US-PGPUB; USPAT	OR	ON	2006/03/12 12:14
S35	143	(166/55,55.1,207,216,217,242.1,316,380,381,384.ccls. 72/393,370.08,353.4,353.2.ccls.) and (@pd>"20050927")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/22 14:43
S36	2	("6454493").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/21 21:02
S37	7	"2004081346"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/21 21:03